

## Claims

1. A housing for an electrical connector from which at least one wire extends, comprising:

a main section having a terminal end sized to receive at least a portion of the electrical connector and a wire-receiving end opposite the terminal end, the wire-receiving end including a mounting flange extending away from the terminal end; and

a strain relief member including a passage sized to admit the wire therethrough, the strain relief member selectively mountable to the mounting flange of the main section in one of a plurality of discrete, angularly offset positions each defining a corresponding exit path for the wire.

2. A housing according to claim 1 wherein the strain relief member includes a second flange sized and shaped to mate with the mounting flange of the main section.

3. A housing according to claim 1 wherein:  
the main section includes an opening opposite the terminal end through which the wire passes; and

the mounting flange includes a pair of opposing flange walls extending from opposite sides of the opening.

4. A housing according to claim 3 wherein the flange walls are parallel.

5. A housing according to claim 3 wherein the strain relief member includes an opposing pair of nesting walls sized and spaced to nest with the flange walls.

6. A housing according to claim 5 wherein the nesting walls are secured to the flange walls with a screw.

7. A housing according to claim 5 wherein the nesting walls cooperate with the flange walls to surround the wire and shield the electrical connector from electromagnetic interference.

8. A housing according to claim 7 wherein the main section and the strain relief member are cast or molded of an electrically conductive material.

9. A housing according to claim 1 wherein the plurality of discrete, angularly offset positions include a first position defining a straight exit path for the wire and a second position defining a right-angle exit path for the wire.

10. A housing according to claim 1 wherein the strain relief member includes a tie slot for receiving a tie used to secure the wire to the strain relief member.

11. An electrical connector assembly, comprising:

a main housing having a terminal end and a cable-receiving portion opposite the terminal end, the cable-receiving portion including a mounting flange extending away from the terminal end; and

a strain relief member including a passage sized to admit a cable therethrough, the strain relief member selectively mountable to the mounting flange of the main housing in one of a plurality of predetermined angularly offset positions each defining a corresponding cable path for the cable.

12. An electrical connector assembly according to claim 11 wherein the strain relief member includes a second flange sized and shaped to mate with the mounting flange of the main housing.

13. An electrical connector assembly according to claim 11 wherein:

the cable-receiving portion of the main housing is shaped to define an opening in the main housing sized to admit the cable; and

the mounting flange includes a pair of opposing flange walls extending from opposite sides of the opening.

14. An electrical connector assembly according to claim 13 wherein the flange walls are parallel.

15. An electrical connector assembly according to claim 13 wherein the strain relief member includes an opposing pair of nesting walls sized and spaced to nest with the flange walls.

16. An electrical connector assembly according to claim 15 wherein the nesting walls are secured to the flange walls with a screw.

17. An electrical connector assembly according to claim 15, further comprising a connector body to which the cable is terminated, and wherein:

the main housing supports the connector body; and

the nesting walls cooperate with the flange walls to surround the cable and shield the connector body from electro-magnetic interference.

18. An electrical connector assembly according to claim 17 wherein the main housing and the strain relief member are cast or molded of an electrically conductive material.

19. An electrical connector assembly according to claim 11 wherein the plurality of angularly offset positions include a first position defining a straight cable path and a second position defining a right-angle cable path.

20. An electrical connector assembly according to claim 11 wherein the strain relief member includes a tie slot for receiving a tie used to secure the cable to the strain relief member.

21. An electrical connector assembly according to claim 11, further comprising a connector body to which the cable is terminated, and wherein:

the main housing is coupled to the connector body; and

the strain relief is selectively reconfigurable between at least two angularly offset positions relative to the main housing without decoupling the main housing from the connector body.

22. An electrical connector assembly according to claim 11 wherein:

the cable-receiving portion of the main housing is shaped to define an opening that allows the cable to enter the main housing from a plurality of angularly offset directions; and

the strain relief member includes a cover section extending over the unused portion of the opening not intersected by the cable path.

23. An electrical connector assembly for terminating a cable or wire, comprising:

a main housing having a terminal end and a wire-receiving end opposite the terminal end, the main housing including an opening in the wire-receiving end that is sized and shaped to allow the cable or wire to enter the main housing from a plurality of angularly offset directions; and

a strain relieving member including a passage sized to admit the wire or cable therethrough, the strain relieving member selectively mounted to the main housing in one of a plurality of predetermined angularly offset positions each defining a corresponding cable path for the cable or wire, the strain relieving member including a cover section extending over the unused portion of the opening not intersected by the cable path.

24. An electrical connector assembly according to claim 23 wherein:

the main housing includes a mounting flange extending from the wire-receiving end and away from the terminal end of the main housing; and

the mounting flange includes a pair of opposing flange walls extending from opposite sides of the opening.

25. An electrical connector assembly according to claim 23 wherein the strain relieving neck member includes an opposing pair of nesting walls sized and spaced to nest with the flange walls.

26. An electrical connector assembly according to claim 25, further comprising a connector body to which the cable or wire is terminated, and wherein:  
the main housing supports the connector body; and  
the nesting walls and cover section cooperate with the mounting flange to surround the cable or wire and to shield the connector body from electro-magnetic interference.

27. An electrical connector assembly according to claim 23 wherein the main housing and the strain relieving neck member are cast or molded of an electrically conductive material.

28. An electrical connector assembly according to claim 23 wherein the plurality of predetermined angularly offset positions include a first position defining a straight cable path and a second position defining a right-angle cable path.

29. An electrical connector assembly according to claim 23 wherein the strain relieving neck member includes a tie slot for receiving a tie used to secure the cable or wire to the strain relief member.

30. An electrical connector assembly according to claim 23, further comprising a connector body to which the cable or wire is terminated, and wherein:

the main housing is coupled to the connector body; and  
the strain relieving neck member is selectively reconfigurable between at least two angularly offset positions relative to the main housing without decoupling the main housing from the connector body.